SCHEMATIC DIAGRAM & PARTS LIST

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PURE POWER DC STEREO RECEIVER

SANSUI 9900Z 8900ZDB 7900Z

Note:
This edition contains Parts List and Schematic Diagram only. Regular Service Manual will follow soon. Please use this issue for the time being, when servicing or ordering parts.

1. PARTS LIST

1-1. F-3296 Digitally Frequency Display Circuit Board

● 9900Z/8900ZDB

Parts No.	Stock No.	Description
●Transistor		
fQ51	07194800, 1	2SC1815 Y, GR
	03059500, 1	2SC945 R, Q
fQ52	07194800, 1	2SC1815 Y, GR
	03059500, 1	2SC945 R, Q
fQ53	07194800, 1	2SC1815 Y, GR
	03059500, 1	2SC945 R, Q
fQ54	07194800, 1	2SC1815 Y, GR
	03059500, 1	2SC945 R, Q
●IC		
fIC51	03604000	MSM4011
	03604100	TC4011P
fIC52	03604000	MSM4011
	03604100	TC4011P
●Diode		
fD51	03111600	1S2473D
fD52	03111600	1S2473D
fD53	03111600	1S2473D
●Transistor		
sQ51	03059500, 1	2SC945 R, Q
sQ52	07194700, 1	2SA1015 Y, GR
	07197000, 1	2SA733A R, Q
sQ53	07194700, 1	2SA1015 Y, GR
	07197000, 1	2SA733A R, Q
sQ54	07194700, 1	2SA1015 Y, GR
	07197000, 1	2SA733A R, Q
sQ55	07194700, 1	2SA1015 Y, GR
	07197000, 1	2SA733A R, Q
sQ56	07194700, 1	2SA1015 Y, GR
	07197000, 1	2SA733A R, Q
sQ57	07194700, 1	2SA1015 Y, GR
	07197000, 1	2SA733A R, Q
sQ58	07194700, 1	2SA1015 Y, GR
	07197000, 1	2SA733A R, Q
sQ59	07194800, 1	2SC1815 Y, GR
	03059500, 1	2SC945 R, Q
sQ60	07194800, 1	2SC1815 Y, GR
	03059500, 1	2SC945 R, Q
sQ61	07194700, 1	2SA1015 Y, GR
	07197000, 1	2SA733A R, Q
sQ62	07194700, 1	2SA1015 Y, GR
	07197000, 1	2SA733A R, Q
sQ63	07194800, 1	2SC1815 Y, GR
	03059500, 1	2SC945 R, Q
sQ64	07194800, 1	2SC1815 Y, GR
	03059500, 1	2SC945 R, Q
●IC		
sIC51	07225100	TD6301P
●Diode		
sD51~55	03111600	1S2473D
sPL51	00000100	Fluorescent Display Tube
sPL52	04007600	Pilot Lamp 8V 300 mA
sPL53	04006600	Pilot Lamp 8V 150 mA
sR101	07267200	RM6 5.6kΩ x 6 (Block Resistor)
sR102	07267400	RM10 5.6kΩ x 10 (Block Resistor)
sR103	07267300	RM8 5.6KΩ x 8 (Block Resistor)

● 7900Z

Parts No.	Stock No.	Description
●Transistor		
sQ51	03059500, 1	2SC945 R, Q
sQ52	07194700, 1	2SA1015 Y, GR
	07197000, 1	2SA733A R, Q
sQ53	07194700, 1	2SA1015 Y, GR
	07197000, 1	2SA733A R, Q
sQ54	07194700, 1	2SA1015 Y, GR
	07197000, 1	2SA733A R, Q
sQ55	07194700, 1	2SA1015 Y, GR
	07197000, 1	2SA733A R, Q
sQ56	07194700, 1	2SA1015 Y, GR
	07197000, 1	2SA733A R, Q
sQ57	07194700, 1	2SA1015 Y, GR
	07197000, 1	2SA733A R, Q
sQ58	07194700, 1	2SA1015 Y, GR
	07197000, 1	2SA733A R, Q
sQ59	07194800, 1	2SC1815 Y, GR
	03059500, 1	2SC945 R, Q
sQ60	07194800, 1	2SC1815 Y, GR
	03059500, 1	2SC945 R, Q
sQ61	07194700, 1	2SA1015 Y, GR
	07197000, 1	2SA733A R, Q
sQ62	07194700, 1	2SA1015 Y, GR
	07197000, 1	2SA733A R, Q
sQ63	07194800, 1	2SC1815 Y, GR
	03059500, 1	2SC945 R, Q
sQ64	07194800, 1	2SC1815 Y, GR
	03059500, 1	2SC945 R, Q
●IC		
sIC51	07225100	TD6301P
●Diode		
sD51~55	03111600	1S2473D
sPL51	00000100	Fluorescent Display Tube
sPL52	04007600	Pilot Lamp 8V 300 mA
sPL53	04006600	Pilot Lamp 8V 150 mA

1-2. F-3297 Preset Section Circuit Board

● 9900Z/8900ZDB/7900Z

Parts No.	Stock No.	Description
fLD101 ~ 106	07246200	Light Emitting Diode SEL171(K
fLD107	03193700	Light Emitting Diode SEL111S
fS101	11320900	Push Switch, preset
fS102	11320900	Push Switch, preset
fS103	11320900	Push Switch, preset
fS104	11320900	Push Switch, preset
fS105	11320900	Push Switch, preset
fS106	11320900	Push Switch, preset
fS107	11320900	Push Switch, preset

1-3. F-3298 Analog Dial Display Circuit Board
● 9900Z/8900ZDB/7900Z

Parts No.	Stock No	Description
	07581700	LED Holder (13-POINT)
●Transistor		
fQ1	07194800, 1	2SC1815 Y, GR
	03059500, 1	2SC945 R, Q
fQ2	07194800, 1	2SC1815 Y, GR
	03059500, 1	2SC945 R, Q
fQ3	07194700, 1	2SA1015 Y, GR
fQ4	07197000, 1	2SA733A R, Q
	03059500, 1	2SC945 R, Q
fQ5	07194800, 1	2SC1815 Y, GR
	03059500, 1	2SC945 R, Q
fQ6	07194800, 1	2SC1815 Y, GR
	03059500, 1	2SC945 R, Q
fQ7	07194800, 1	2SC1815 Y, GR
	03059500, 1	2SC945 R, Q
fQ8	07194800, 1	2SC1815 Y, GR
	03059500, 1	2SC945 R, Q
●FET		
fFT1	03703402~5	2SK163 L1, L2, M1, M2
●IC		
fIC1	07225200	TC9140P
fIC2	07225000	TD6104P
fXO1	07237700	Quartz Element NC-18C (7.2 MHz)
●Diode		
fD1 ~ 5	03111600	1S2473D
fC1	00306800	1 μF 50V E.B.
fSP1	07261000	Buzzer PB-2711
●Transistor		
sQ1	07194800, 1	2SC1815 Y, GR
	03059500, 1	2SC945 R, Q
sQ2	07194800, 1	2SC1815 Y, GR
	03059500, 1	2SC945 R, Q
sQ3	07194800, 1	2SC1815 Y, GR
	03059500, 1	2SC945 R, Q
sQ4	07194800, 1	2SC1815 Y, GR
	03059500, 1	2SC945 R, Q
sQ5	07194800, 1	2SC1815 Y, GR
	03059500, 1	2SC945 R, Q
sQ6	07194800, 1	2SC1815 Y, GR
	03059500, 1	2SC945 R, Q
sQ7	07194800, 1	2SC1815 Y, GR
	03059500, 1	2SC945 R, Q
sQ8	07194800, 1	2SC1815 Y, GR
	03059500, 1	2SC945 R, Q
sQ9	07194800, 1	2SC1815 Y, GR
	03059500, 1	2SC945 R, Q
sQ10	07194800, 1	2SC1815 Y, GR
	03059500, 1	2SC945 R, Q
sQ11	07194800, 1	2SC1815 Y, GR
	03059500, 1	2SC945 R, Q
sQ12	07194800, 1	2SC1815 Y, GR
	03059500, 1	2SC945 R, Q
sQ13	07194800, 1	2SC1815 Y, GR
	03059500, 1	2SC945 R, Q
●IC		
sIC1	03610500	TC4001BP
	03609500	MSM4001RS
●Diode		
sD1 ~ 4	03111600	1S2473D
sLD1~26	03193700	Light Emitting Diode SEL1110S

1-4. F-3299 Spectrum Analysis Display Circuit Board
● 9900Z/8900ZDB/7900Z

Parts No.	Stock No.	Description
●Transistor		
nQ21	07197001	2SA733A Q
	07194700, 1	2SA1015 Y, GR
nQ22	07197001	2SA733A Q
	07194700, 1	2SA1015 Y, GR
nQ23	03059501	2SC945 Q
	07194800, 1	2SC1815 Y, GR
nQ24	03059501	2SC945 Q
	07194800, 1	2SC1815 Y, GR
nQ25	03059501	2SC945 Q
	07194800, 1	2SC1815 Y, GR
nQ26	03059501	2SC945 Q
	07194800, 1	2SC1815 Y, GR
nQ27	03059501	2SC945 Q
	07194800, 1	2SC1815 Y, GR
nQ28	03059501	2SC945 Q
	07194800, 1	2SC1815 Y, GR
nQ29	03059501	2SC945 Q
	07194800, 1	2SC1815 Y, GR
nQ30	03059501	2SC945 Q
	07194800, 1	2SC1815 Y, GR
nQ31	03059501	2SC945 Q (9900Z, 8900ZDB
	07194800, 1	2SC1815 Y, GR Only)
●IC		
nIC21	07246400	MSM4022RS
nIC22	03607700	NJM4558D
nIC23	03607700	NJM4558D
nIC24	03607700	NJM4558D
nIC25	03607700	NJM4558D
nIC26	07246300	MB4204M
nIC27	07246300	MB4204M
nIC28	07246300	MB4204M
nIC29	07246300	MB4204M
nD21~37	03111600	1S2473D
nFL1	07237800	FL Display Unit FG64SA6
nPL1	04007600	Pilot Lamp 8V 300 mA

1-5. F-3301 Stereo Indicator Circuit Board
● 9900Z/8900ZDB/7900Z

Parts No.	Stock No.	Description
dLD1	03193700	Light Emitting Diode SEL1110S

1-6. F-3302 FM Mode Switch Circuit Board
● 9900Z/8900ZDB/7900Z

Parts No.	Stock No.	Description
	07581900	LED Holder
oS5	07242600	Push Switch

1-7. F-3303 Audio Muting Circuit Board
● 9900Z/8900ZDB/7900Z

Parts No.	Stock No.	Description
	07581900	LED Holder
nLD15	03193700	Light Emitting Diode SEL1110S

1-8. F-3304 Input Terminal Circuit Board

● 9900Z/8900ZDB/7900Z

Parts No.	Stock No.	Description
	22006000	Terminal Board 2P
	22006500	Terminal Board 4P
	22006200	Terminal Board 4P

1-9. F-3305 EQ. Amp. & Input Terminal Circuit Board

● 9900Z/8900ZDB/7900Z

Parts No.	Stock No.	Description
●IC		
iIC1	07197400	M5214L
iC6	00413200	0.016μF 100V F.C.
iC7	00414500	0.056μF 100V F.C.
iC9	00306000	3.3μF 25V E.B.
oS3	07242500	Push Switch
oS4	07242800	Push Switch

1-10. F-3306 Input Source Indicator Circuit Board

● 9900Z/8900ZDB

Parts No.	Stock No.	Description
	07581900	LED Holder
nLD10 ~ 14	03193700	Light Emitting Diode SEL1110S

1-11. F-3307 Tone Control Circuit Board

● 9900Z/8900ZDB

Parts No.	Stock No.	Description
●Transistor		
jQ1	07225400, 1	2SC2320L F, G
jQ2	07225400, 1	2SC2320L F, G
	07206800, 1	2SA952 M, L
jQ3	07254800, 1	2SA854 Q, R
	03033601, 2	2SB560MP E, F
	07206900, 1	2SC2001 M, L
jQ4	07254900, 1	2SC1741 Q, R
	03085201, 2	2SD438 E, F
	07206800, 1	2SA952 M, L
jQ5	07254800, 1	2SA854 Q, R
	03033601, 2	2SB560MP E, F
	07206900, 1	2SC2001 M, L
jQ6	07254900, 1	2SC1741 Q, R
	03085201, 2	2SD438 E, F
●Diode		
jD1 ~ 2	03103400	10D-1
jVR1	07242200, 1	Variable Resistor 150 kΩ (MN)
jVR3	07242300, 1	Variable Resistor 100 kΩ (B)
jVR4	07242300, 1	Variable Resistor 100 kΩ (B)
oS2	07243000	Push Switch

1-12. F-3308 Tone Control Circuit Board

● 9900Z

Parts No.	Stock No.	Description
●Transistor		
kQ1	07246800, 1	2SC2773 O, Y
kQ2	07246600, 1	2SA1169 O, Y
kQ3	07246800, 1	2SC2773 O, Y
kQ4	07246600, 1	2SA1169 O, Y
kQ5	03067200, 1	2SC2238B O, Y
kQ6	03010700, 1	2SA968B O, Y
kQ7	03066800, 1	2SC2071 B, V
kQ8	03010300, 1	2SA939 B, V
kQ9	03010300, 1	2SA939 B, V
kQ10	03010300, 1	2SA939 B, V
kQ11	03066800, 1	2SC2071 B, V
kQ12	03067400, 1	2SC1845 F, E
kQ13	03067400, 1	2SC1845 F, E
kQ14	03064001, 2	2SC1904 B, V
●FET		
kFT1	07110000, 1	μPA68H L, M
●IC		
kIC1	03607700	NJM4558D
●Diode		
kD5 ~ 7	03111600	1S2473D
kR1	00158700	10Ω 5W N.I.R.
kR3	00091700	0.33Ω 5W Ce.R.
kR4	00091700	0.33Ω x 2 5W Ce.R.
kC3	00380500	10000pF 500V C.C.
kC10	00302500	10μF 6.3V E.B.
kC11	00305200	4.7μF 16V E.B.
kC14	00408600	0.1μF 100V M.C.
kVR1	10336300	Semi Variable Resistor 1 kΩ (B)

● 8900ZDB

Parts No.	Stock No.	Description
●Transistor		
kQ1	07246900, 1	2SC2774 O, Y
kQ2	07246700, 1	2SA1170 O, Y
kQ5	03069301	2SC2238 Y
kQ6	03012401	2SA968 Y
kQ7	03066800, 1	2SC2071 B, V
kQ8	03010300, 1	2SA939 B, V
kQ9	03010300, 1	2SA939 B, V
kQ10	03010300, 1	2SA939 B, V
kQ11	03066800, 1	2SC2071 B, V
kQ12	03067400, 1	2SC1845 F, E
kQ13	03067400, 1	2SC1845 F, E
kQ14	03064001, 2	2SC1904 B, V
●FET		
kFT1	07110000, 1	μPA68H L, M
●IC		
kIC1	03607700	NJM4558D
●Diode		
kD5 ~ 7	03111600	1S2473D
kR1	00158700	100Ω 5W N.I.R.
kR3	00091700	0.33Ω x 2 5W Ce.R.
kC3	00380500	1000pF 500V C.C.
kC10	00302500	10μF 6.3V E.B.
kC11	00305200	4.7μF 16V E.B.
kC14	00408600	0.1μF 100V M.C.
kVR1	10336300	Semi Variable Resistor 1 kΩ (B)

1-13. F-3300 Tuner Circuit Board

● 9900Z

Parts No.	Stock No.	Description
	07113200	FM Front End Pack FD216U18
●Transistor		
dQ1	03063401, 2	2SC1674 L, K
dQ2	03063401, 2	2SC1674 L, K
dQ3	03063401, 2	2SC1674 L, K
dQ5	07194800, 1	2SC1815 Y, GR
dQ6	07197001	2SA733A Q
	07194700, 1	2SA1015 Y, GR
dQ7	07197001	2SA733A Q
	07194700, 1	2SA1015 Y, GR
dQ8	07197001	2SA733A Q
	07194700, 1	2SA1015 Y, GR
dQ9	03059501	2SC945 Q
	07194800, 1	2SC1815 Y, GR
dQ10	03059501	2SC945 Q
	07194800, 1	2SC1815 Y, GR
dQ11	03059501	2SC945 Q
	07194800, 1	2SC1815 Y, GR
dQ12	03059501	2SC945 Q
	07194800, 1	2SC1815 Y, GR
dQ13	07197001	2SA733A Q
	07194700, 1	2SA1015 Y, GR
dQ14	07197001	2SA733A Q
	07194700, 1	2SA1015 Y, GR
dQ15	03059501 ~ 3	2SC945 Q, P, K
dQ16	03059501 ~ 3	2SC945 Q, P, K
dQ17	03059501	2SC945 Q
	07194800, 1	2SC1815 Y, GR
dQ18	03059501	2SC945 Q
	07194800, 1	2SC1815 Y, GR
dQ19	03059501	2SC945 Q
	07194800, 1	2SC1815 Y, GR
dQ20	07197001	2SA733A Q
	07194700, 1	2SA1015 Y, GR
dQ21	03059501	2SC945 Q
	07194800, 1	2SC1815 Y, GR
●IC		
dIC1	03605900	TA7302P
dIC2	03609300	HA11225
dIC3	03606800	HA11223W
dIC4	03609500	MSM4001RS
	03610500	TC4001BP
●Diode		
dD1 ~ 9	03117600	1S2473D
dC45	08450200	22 μF 6.3V E.B.
dCF1	07248600	Ceramic Filter
dL1	07196400	Low Pass Filter
dL2	07196400	Low Pass Filter
dT1	42359300	FM IF Coil
dT2	42362300	FM IF Coil
dT3	42362400	FM IF Coil
dVR1	07241200	Semi Variable Resistor 5 kΩ (B)
dVR2	07241600	Semi Variable Resistor 100 kΩ (B)
dVR3	07241200	Semi Variable Resistor 5 kΩ (B)
dVR4	07241200	Semi Variable Resisotr 5 kΩ (B)
dVR5	07241300	Semi Variable Resistor 10 kΩ (B)
dS1	07251100	Slide Switch
●Transistor		
eQ3	07194700, 1	2SA1015 Y, GR
eQ5	03059501, 2	2SC945 Q, P
●IC		
eIC1	07237200	LA1245
● Varactor Diode		
eD1	07197200	KV1226
eTC1	12301000	Trimmer Capacitor 15 pF
eTC2	12301000	Trimmer Capacitor 15 pF
eCF1	07254000	Ceramic Filter
eL1	46027100	AM OSC Coil
eL2	42306200	AM IF Coil
eVR1	07241300	Semi Variable Resistor 10 kΩ (B)

● 8900ZDB

Parts N0.	Stock No.	Description
●Transistor		
eQ3	07194700, 1	2SA1015 Y, GR
eQ5	03059501, 2	2SC945 Q, P
●IC		
eIC1	07237200	LA1245
●Varactor Diode		
eD1	07197200	KV1226
eTC1	12301000	Trimmer Capacitor 15pF
eTC2	12301000	Trimmer Capacitor 15pF
eCF1	07254000	Ceramic Filter
eL1	46027100	AM OSC Coil
eL2	42306200	AM IF Coil (455 kHz)
eVR1	07241300	Semi Variable Resistor 10 kΩ (B)
	07113200	Front End Pack FD216U18
●Transistor		
dQ1	03063401, 2	2SC1674 L, K
dQ5	07194800, 1	2SC1815 Y, GR
dQ6	07197001	2SA733A Q
	07194700, 1	2SA1015 Y, GR
dQ7	07197001	2SA733A Q
	07194700, 1	2SA1015 Y, GR
dQ8	07197001	2SA733A Q
	07194700, 1	2SA1015 Y, GR
dQ9	03059501	2SC945 Q
	07194800, 1	2SC1815 Y, GR
dQ10	03059501	2SC945 Q
	07194800, 1	2SC1815 Y, GR
dQ11	03059501	2SC945 Q
	07194800, 1	2SC1815 Y, GR
dQ12	03059501	2SC945 Q
	07194800, 1	2SC1815 Y, GR
dQ13	07197001	2SA733A Q
	07194700, 1	2SA1015 Y, GR
dQ14	07197001	2SA733A Q
	07194700, 1	2SA1015 Y, GR
dQ15	03059501 ~ 3	2SC945 Q, P, K
dQ16	03059501 ~ 3	2SC945 Q, P, K
dQ17	03059501	2SC945 Q
	07194800, 1	2SC1815 Y, GR
dQ18	03059501	2SC945 Q
	07194800, 1	2SC1815 Y, GR
dQ19	03059501	2SC945 Q
	07194800, 1	2SC1815 Y, GR
dQ20	07197001	2SA733A Q
	07194700, 1	2SA1015 Y, GR
dQ21	03059501	2SC945 Q
	07194800, 1	2SC1815 Y, GR
●IC		
dIC1	03605900	TA7302P
dIC2	03609300	HA11225
dIC3	03606800	HA11223W
dIC4	03609500	MSM4001RS
	03610500	TC4001BP
●Diode		
dD1 ~ 9	03117600	1S2473D
dC45	08450200	22μF 6.3V E.B.
dCF1	07264900	Ceramic Filter

Parts No.	Stock No.	Description
dL1	07196400	Low Pass Filter
dL2	07196400	Low Pass Filter
dT1	42359300	FM IF COIL (10.7 MHz)
dT2	42362300	FM IF COIL
dT3	42362400	FM IF COIL
dVR1	07241200	Semi Variable Resistor 5 kΩ (B)
dVR2	07241600	Semi Variable Resistor 100 kΩ (B)
dVR3	07241200	Semi Variable Resistor 5 kΩ (B)
dVR4	07241200	Semi Variable Resisotr 5 kΩ (B)
dVR5	07241300	Semi Variable Resistor 10 kΩ (B)
dS1	07251100	Slide Switch

• 7900Z

Parts No.	Stock No.	Description
	07113200	FM Frontend Pack FD216U18
•Transistor		
dQ1	03063401, 2	2SC1674 L, K
dQ4	03059501	2SC945 Q
	07194800, 1	2SC1815 Y, GR
dQ5	03059501	2SC945 Q
	07194800, 1	2SC1815 Y, GR
dQ6	07197001	2SA733A Q
	07194700, 1	2SA1015 Y, GR
dQ7	07197001	2SA733A Q
	07194700, 1	2SA1015 Y, GR
dQ8	07197001	2SA733A Q
	07194700, 1	2SA1015 Y, GR
dQ9	03059501	2SC945 Q
	07194800, 1	2SC1815 Y, GR
dQ10	03059501	2SC945 Q
	07194800, 1	2SC1815 Y, GR
dQ11	03059501	2SC945 Q
	07194800, 1	2SC1815 Y, GR
dQ12	03059501	2SC945 Q
	07194800, 1	2SC1815 Y, GR
dQ13	07197001	2SA733A Q
	07194700, 1	2SA1015 Y, GR
dQ15	03059501 ~ 3	2SC945 Q, P, K
dQ16	03059501 ~ 3	2SC945 Q, P, K
dQ19	03059501	2SC945 Q
	07194800, 1	2SC1815 Y, GR
dQ20	07197001	2SA733A Q
	07194700, 1	2SA1015 Y, GR
dQ21	03059501	2SC945 Q
	07194800, 1	2SC1815 Y, GR
•IC		
dIC1	03605900	TA7302P
dIC2	03609300	HA11225
dIC3	03606800	HA11223W
dIC4	03609500	MSM4001RS
	03610500	TC4001BP
•Diode		
dD1 ~ 9	03117600	1S2473D
dC45	08450200	22μF 6.3V E.B.
dCF1	07264900	Ceramic Filter
dL1	07196400	Low Pass Filter
dL2	07196400	Low Pass Filter
dT1	42359300	FM IF Coil
dT2	42362300	FM IF Coil
dT3	42362400	FM IF Coil
dVR1	07241200	Semi Variable Resistor 5 kΩ (B)
dVR2	07241600	Semi Variable Resistor 100 kΩ (B)
dVR3	07241200	Semi Variable Resistor 5 kΩ (B)
dVR4	07241200	Semi Variable Resistor 5 kΩ (B)
dVR5	07241300	Semi Variable Resistor 10 kΩ (B)

Parts No.	Stock No.	Description
dS1	07251100	Slide Switch
•Transistor		
eQ1 ~ 4	07194800, 1	2SC1815 Y, GR
eQ5	03059501, 2	2SC945 Q, P
•IC		
eIC1	07237200	LA1245
eD1	07197200	Varactor Diode KV1226
•Diode		
eD3, 4	03117600	1S2473D
eTC1, 2	12301000	Trimmer Capacitor 15pF
eCF1	07254000	Ceramic Filter
eCF2	07265100	Ceramic Filter
eL1	46027100	AM OSC Coil
eL2	42306200	AM IF Coil 455 kHz
eVR1	07241300	Semi Variable Resistor 10 kΩ (B)
eVR2	07241500	Semi Variable Resistor 50 kΩ (B)

1-14. F-3309 Power Supply Circuit Board

• 9900Z

Parts No.	Stock No.	Description
•Transistor		
mQ1	03085201, 2	2SD438 E, F
mQ2	03084801, 2	2SD358 D, E
mQ3	03084302, 3	2SD381 L, K
mQ4	03084302, 3	2SD381 L, K
mQ5	03084302, 3	2SD381 L, K
•Diode		
mD1	03116700	SS-7
mD2	03116800	SS-7R
mD3	03117000	RB-152
•Zener Diode		
mDZ1	03172100	RD30F B
mDZ2	03172100	RD30F B
mDZ3	03164700	RD20E B
mDZ4	03164100	RD6.8E B
mDZ5	03163300	RD15E B
mDZ6	07181500	RD22E B
mR1	00105900	1 kΩ 5W C.R.
mR2	00194500	1.8 kΩ 3W N.I.R.
mR17	00181200	220Ω 1W N.I.R.
mR18	00187500	18 kΩ 2W N.I.R.
mR19	00188900	33Ω 2W N.I.R.
mC2	00380500	10000pF 500V C.C.
mC3	00380500	10000pF 500V C.C.
mC4	00380500	10000pF 500V C.C.
mC5	00380500	10000pF 500V C.C.
PC1	00386100	4700pF 150V C.C.
	00386500	4700pF 125V C.C.
pF1	04341000	Fuse 12A 125V (100V ~ 120V)
	04323000	Fuse 6.0A 125V (220V ~ 240V)

to be continued ▶

● 8900ZDB

Parts No.	Stock No.	Description
•Transistor		
mQ1	03085201, 2	2SD438 E, F
mQ2	03084801, 2	2SD358 D, E
mQ3	03084302, 3	2SD381 L, K
mQ4	03084302, 3	2SD381 L, K
mQ5	03084302, 3	2SD381 L, K
•Diode		
mD1	03113100	SS-5
mD2	03113200	SS-5R
mD3	03117000	RB-152
•Zener Diode		
mDZ1	03172100	RD30F B
mDZ2	03172100	RD30F B
mDZ3	03164700	RD20E B
mDZ4	03164100	RD6.8E B
mDZ5	03163300	RD15E B
mDZ6	07181500	RD22E . B
mR1	00108400	820Ω 5W C.R.
mR2	00194500	1.8 kΩ 3W N.I.R.
mR17	00181200	220Ω 1W N.I.R.
mR18	00187500	18 kΩ 2W N.I.R.
mR19	00188900	33Ω 2W N.I.R.
mC2	00380500	10000pF 500V C.C.
mC3	00380500	10000pF 500V C.C.
mC4	00380500	10000pF 500V C.C.
mC5	00380500	10000pF 500V C.C.
pF1	04325900	Fuse 10A 125V (100V ~ 120V)
	04322900	Fuse 5.0A 125V (220V ~ 240V)

1-15. F-3310 Protector Circuit Board

● 9900Z/8900ZDB

Parts No.	Stock No.	Description
kR2	00158700	10Ω 5W N.I.R.
kR22	00188200	2.2Ω 2W N.I.R.
kL1	42903700	Peaking Coil
•Transistor		
IQ1	03010300	2SA939B
•IC		
IIC1	03609000	HA12002
•Diode		
ID1 ~ 5	03103400	10D-1
ID6	03111600	1S2473D
IPR1	03201300	Thermistor
IC3	00302900	220μF 6.3V E.B.
IRL1	11504300	Relay
IRL2	07198400	Relay
IRL3	07198400	Relay
IRL4	07198400	Relay (9900Z Only)
	07202900	Terminal Board 4P, speaker

1-16. F-3311 Speaker Selector Switch Circuit Board

● 9900Z

Parts No.	Stock No.	Description
oS1	07243100	Push Switch

● 8900ZDB

Parts No.	Stock No.	Description
oS1	07242900	Push Switch

1-17. F-3312 Head Phone Jack Circuit Board

● 9900Z/8900ZDB

Parts No.	Stock No.	Description
nC3	00306800	1μF 50V E.B.
nVR1	07242400, 1	Variable Resistor 100 kΩ (B)
oJ1	07204100	Head Phone Jack
pR1	00187800	220Ω 2W N.I.R.

1-18. F-3313 Manual Tuning (Up/Down) Detector Circuit Board

● 9900Z/8900ZDB

Parts No.	Stock No.	Description
fPH51	07237400	Photo Coupler
fPH52	07237400	Photo Coupler

1-19. F-3314 Master Volume (Up/Down) Switch Circuit Board

● 9900Z/8900ZDB

Parts No.	Stock No.	Description
jS1	07246100	Push Switch
jS2	07246100	Push Switch

1-20. F-3316 Power Peak Indicator Circuit Board

● 9900Z/8900ZDB/7900Z

Parts No.	Stock No.	Description
	07581600	LED Holder (8-POINT)
•IC		
nIC1	07246000	IR2431
•Diode		
nD1	03103300	1N60
nLD1 ~ 9	03193700	Light Emitting Diode SEL1110S

1-21. F-3317 IF Output (AM Stereo) Circuit Board

● 9900Z/8900ZDB/7900Z

Parts No.	Stock No.	Description
	07257600	Terminal Board 1P, AM Stereo

1-22. F-3431 AM Channel Selector Circuit Board

● 9900Z/8900ZDB/7900Z

Parts No.	Stock No.	Description
fS1	11102800	Slide Switch

1-23. F-3401 Speaker Terminal Circuit Board

● 7900Z

Parts No.	Stock No.	Description
	07183300	8P Terminal Board

1-24. F-3402 Head Phone Jack Circuit Board

● 7900Z

Parts No.	Stock No.	Description
nVR100	07242400, 1	Variable Resistor 100 kΩ (B)
oJ1	07204100	Head Phone Jack

1-25. F-3403 Speaker Selector Switch Circuit Board

● 7900Z

Parts No.	Stock No.	Description
oS1	07255300, 1	Push Switch

1-26. F-3405 Rectifier Circuit Board

● 7900Z

Parts No.	Stock No.	Description
•Diode		
mD1	03113100	SS-5
mD2	03113200	SS-5R
mC3	00380600	2200pF 500V C.C.
mC16	00380600	2200pF 500V C.C.
mC17	00380600	2200pF 500V C.C.
mC18	00380600	2200pF 500V C.C.
pC2	08302100	4700pF 125V C.C.
	00386100	4700pF 150V C.C.

1-27. F-3406 Driver Amp. Circuit Board

● 7900Z

Parts No.	Stock No.	Description
•Transistor		
kQ1 ~ 4	03067400, 1	2SC1845 F, E
kQ5, 6	03010900, 1	2SA992 F, E
kQ7	03010300, 1	2SA939 B, V
kQ8	03066800, 1	2SC2071 B, V
•IC		
kIC1	03607700	NJM4558D
•Diode		
kD1	03111800	1S1588
	03111600	1S2473D
kD2	03111800	1S1588
	03111600	1S2473D
kD3	03111800	1S1588
	03111600	1S2473D
kC14	00306200	4.7μF 25V E.B.
kC15	00305400	10μF 25V E.B.

1-28. F-2688 Dolby NR Circuit Board

● 8900ZDB

Parts No.	Stock No.	Description
•IC		
IC01	03603400	NE545B
•Diode		
D01	03104000	1N34A
rD601	03103400	10D-1
L01	49002600	Inductor
VR01	10354300	Semi Variable Resistor 100 kΩ (B)

1-29. F-3407 Power Supply & Power Amp. Circuit Board

● 7900Z

Parts No.	Stock No.	Description
•Transistor		
kQ9	03067400, 1	2SC1845 F, E
kQ10	03067201	2SC2238B Y
kQ11	03010701	2SA968B Y
kQ12	07260200, 1	2SC2773LB O, Y
kQ13	07260100, 1	2SA1169LB O, Y
kR34	00191700	0.68Ω 2W N.I.R.
kR35	00191700	0.68Ω 2W N.I.R.
kR36	00191700	0.68Ω 2W N.I.R.
kR37	00191700	0.68Ω 2W N.I.R.
kR38	00185500	10Ω 2W N.I.R.
kR39	00186000	1Ω 2W N.I.R.
kR40	00190600	4.7Ω 2W N.I.R.
kL1	42903700	Peaking Coil
kVR1	10350700	Semi Variable Resistor 1 kΩ
•Transistor		
IQ1	03010900, 1	2SA992 F, E
•IC		
IIC1	03609000	HA12002
•Diode		
ID1	03111800	1S1588
	03111600	1S2473D
ID3	03103400	10D-1
IC3	00303800	330μF 10V E.B.
IRL1	07198400	Relay
•Transistor		
mQ1	03033601, 2	2SB560MP E, F
mQ2	03085201, 2	2SD438 E, F
mQ3	03083902, 3	2SD313AL E, F
mQ4	03083902, 3	2SD313AL E, F
mQ5	03085201, 2	2SD438 E, F
mQ6	03085201, 2	2SD438 E, F
mQ7	03084501, 2	2SD356 D, E
•Diode		
mD5	03117000	RB-152
mD9	03103400	10D-1
•Zener Diode		
mZD1	03164900	RD-22E B
mZD2	03163300	RD-15E B
mDZ3	03164900	RD-22E B
mZD4	03165700	RD-33E B
mZD5	03164100	RD-6.8E B
mZD6	03163300	RD-15E B
mR3	00180800	1.8 kΩ 1W N.I.R.
mR15	00188900	33Ω 2W N.I.R.
mR18	00192000	820Ω 2W N.I.R.
mR27	00190700	56Ω 2W N.I.R.
mC4	00380600	2200pF 500V C.C.
mF1 ~ 3	07188400	Fuse 1A 250 V

1-30. F-3430 Manual Tuning (Up/Down) Switch Circuit Board

● 7900Z

Parts No.	Stock No.	Description
fS108	07246100	Push Switch
fS109	07246100	Push Switch

1-31. Other Parts

● 9900Z

Parts No.	Stock No.	Description
	07656310	Wood Bonnet
	07653120	Front Panel Ass'y
	07648800	Panel Side Frame
	07648900	Front Glass
	07580300	Push Knob, power
	07628000	Push Knob Guide
	11316500	Push Switch, power
	07646100	Knob, analyzer level
	07204100	Head Phone Jack
	07580300	Push Knob, speakers
	07581300	Push Knob Guide
	07615600	Knob, bass, treble, balance
	07580300	Push Knob, tone, mode, hi-filter, loudness
	07581300	Push Knob Guide
	07649810	Preset Knob Ass'y
	07652300	Push Knob, volume
	07578000	Indicator (Red)
	07580300	Push Knob, audio muting, tape mon. 1, 2
	07580900	Push Knob Guide
	07580300	Push Knob, input selector
	07652400	Push Knob Guide
	07646000	Knob, tuning
	07580900	Push Knob, FM IF band, FM mode/FM muting
	07580900	Push Knob Guide
	00000100	Fluorescent Display Unit
	54464600	Smoked Plate (A)
	07652700	Dial Back Plate
	07616100	Indicator (Red)
	07578200	Indicator (Amber)
	07600300	Indicator Film
	07646300	Indicator (9-point)
	07615800	Indicaotr (14-point)
	07654500	Indicator (4-point)
	07652500	Dial Scale
	07237800	Fluorescent Display Unit
	07616300	Smoked Plate
	07607300	Sansui Badge (B)
	55168210	Leg
	38004900	Power Supply Cord
	39104900	Strain Relief
	07217500	AC Outlet
	07202900	Speaker Terminal
	07257600	1P Input Terminal, AM stereo adaptor
	07563310	Battery Case Ass'y
	22006000	2P Input Terminal, phono-1
	22006200	4P Input Terminal, phono-2, aux
	22006500	4P Input Terminal, tape-1
	22006500	4P Input Terminal, tape-2
	07204800	AM Bar Antenna
	22103110	Antenna Terminal Board
	22301900	Ground Terminal
	04007600	Pilot Lamp 8 V 300 mA
	04006600	Pilot Lamp 8 V 150 mA
	07646200	Tuning Unit
	15002001	Power Transformer
	07255000	Fan
	07255100	Motor
	07651910	Fan Cover
mZ1	07254300	10000μF 100 V E.C.
mZ2	07254300	10000μF 100 V E.C.

● 8900ZDB

Parts No.	Stock No.	Description
	07656310	Wood Bonnet
	07653220	Front Panel Ass'y
	07648800	Panel Side Frame
	07648900	Front Glass
	07580300	Push Knob, power
	07628000	Push Knob Guide
	11316500	Push Switch, power
	07646100	Knob, analyzer level
	07204100	Head Phone Jack
	07580300	Push Knob, speakers
	07581300	Push Knob Guide
	07615600	Knob, bass, treble, balance
	07580300	Push Knob, tone, mode, hi-filter, loudness
	07581300	Push Knob Guide
	07649810	Preset Knob Ass'y
	07652300	Push Knob, volume
	07578000	Indicator (Red)
	07580100	Push Knob, audio muting, tape mon. 1, 2
	07580900	Push Knob Guide
	07580300	Push Knob, input selectors
	07652400	Push Knob Guide
	07646000	Knob, tuning
	07580100	Push Knob, dolby, FM mode/ FM tuning
	00000100	Fluorescent Display Unit
	54464600	Smoked Plate (A)
	07652700	Dial Back Plate
	07616100	Indicator (Red)
	07578200	Indicator (Amber)
	07600300	Indicator Film
	07646300	Indicator (9-point)
	07615800	Indicator (14-point)
	07654500	Indicator (4-point)
	07652500	Dial Scale
	07237800	Fluorescent Display Unit, spectrum analyzer
	07616300	Smoked Plate
	07607300	Sansui Badge
	55168210	Leg
	38004700	Power Supply Cord
	39106000	Strain Relief
	07202900	Speakers Terminal,
	07257600	1P Input Terminal, AM stereo adaptor
	22006000	2P Input Terminal, phono-1
	22006200	4P Input Terminal, phono-2, aux
	22006500	4P Input Terminal, tape 1
	22006500	4P Input Terminal, tape 2
	07563310	Battery Case Ass'y
	22103110	Antenna Terminal Board
	07204800	AM Bar Antenna
	22301900	Ground Terminal
	04007600	Pilot Lamp 8 V 300 mA
	07646200	Tuning Unit
	04006600	Pilot Lamp 8 V 150 mA
	15002101	Power Transformer
mZ1	07254200	10000μF 80 V E.C.
mZ2	07254200	10000μF 80 V E.C.

● 7900Z

Parts No.	Stock No.	Description
	07720310	Wood Bonnet
	07653320	Front Panel Ass'y
	07648800	Panel Side Frame
	07648900	Front Glass
	07580300	Push Knob, power
	07628000	Push Knob Guide
	11316500	Push Switch, power
	07204100	Head Phone Jack
	07646100	Knob, analyzer level
	07580300	Push Knob, speaker
	07581300	Push Knob Guide
	07615600	Knob, bass, treble, balance
	07580300	Push Knob, tone, mode, hi-filter, loudness
	07581300	Push Knob Guide
	07652300	Push Knob, volume
	07649810	Preset Knob Ass'y
	07580100	Push Knob, audio muting, tape mon. 1, 2
	07580900	Push Knob Guide
	07580300	Push Knob, input selectors
	07652400	Push Knob Guide
	07652300	Push Knob, tuning
	07580100	Push Knob, tuning selector, FM mode/FM muting
	07580900	Push Knob Guide
	00000100	Fluorescent Display Unit
	54464600	Smoked Plate (A)
	07650910	Dial Back Plate
	07616100	Indicator (Red)
	07578000	Indicator (Red)
	07600300	Indicator Film
	07646300	Indicator (9-point)
	07615800	Indicator (14-point)
	07654500	Indicator (4-point)
	07652600	Dial Scale
	07237800	Fluorescent Display Unit, spectrum analyzer
	07705800	Smoked Plate
	07607300	Sansui Badge
	55168210	Leg
	38004700	Power Supply Cord
	39106000	Strain Relief
	07189600	AC Outlet
	07183300	Speaker Terminal
	07257600	1P Input Terminal
	07563310	Battery Case Ass'y
	07204800	AM Bar Antenna
	22103110	Antenna Terminal Board
	22006000	2P Input Terminal, phono-1
	22006200	4P Input Terminal, phono-2, aux
	22006500	4P Input Terminal, tape-1
	22006500	4P Input Terminal, tape-2
	22301500	Ground Terminal
	04007600	Pilot Lamp 8 V, 300 mA
	04006600	Pilot Lamp 8 V, 150 mA
	15002201	Power Transformer
mC19	07255200	8200μF 71V E.C.
mC20	07255200	8200μF 71V E.C.

1-32. Packing Materials

● 9900Z

Parts No.	Stock No.	Description
	07654200	Carton Case
	07654100	Styrofoam Packing
	91167420	Vinyl Cover

● 8900ZDB

Parts No.	Stock No.	Description
	07663300	Carton Case
	07654100	Styrofoam Packing
	91167420	Vinyl Cover

● 7900Z

Parts No.	Stock No.	Description
	07663400	Carton Case
	07654100	Styrofoam Packing
	91167420	Vinyl Bag

1-33. Accessory Parts

● 9900Z

	Stock No.	Description
	38201200	FM Antenna
	07577400	Operating Instruction

● 8900ZDB

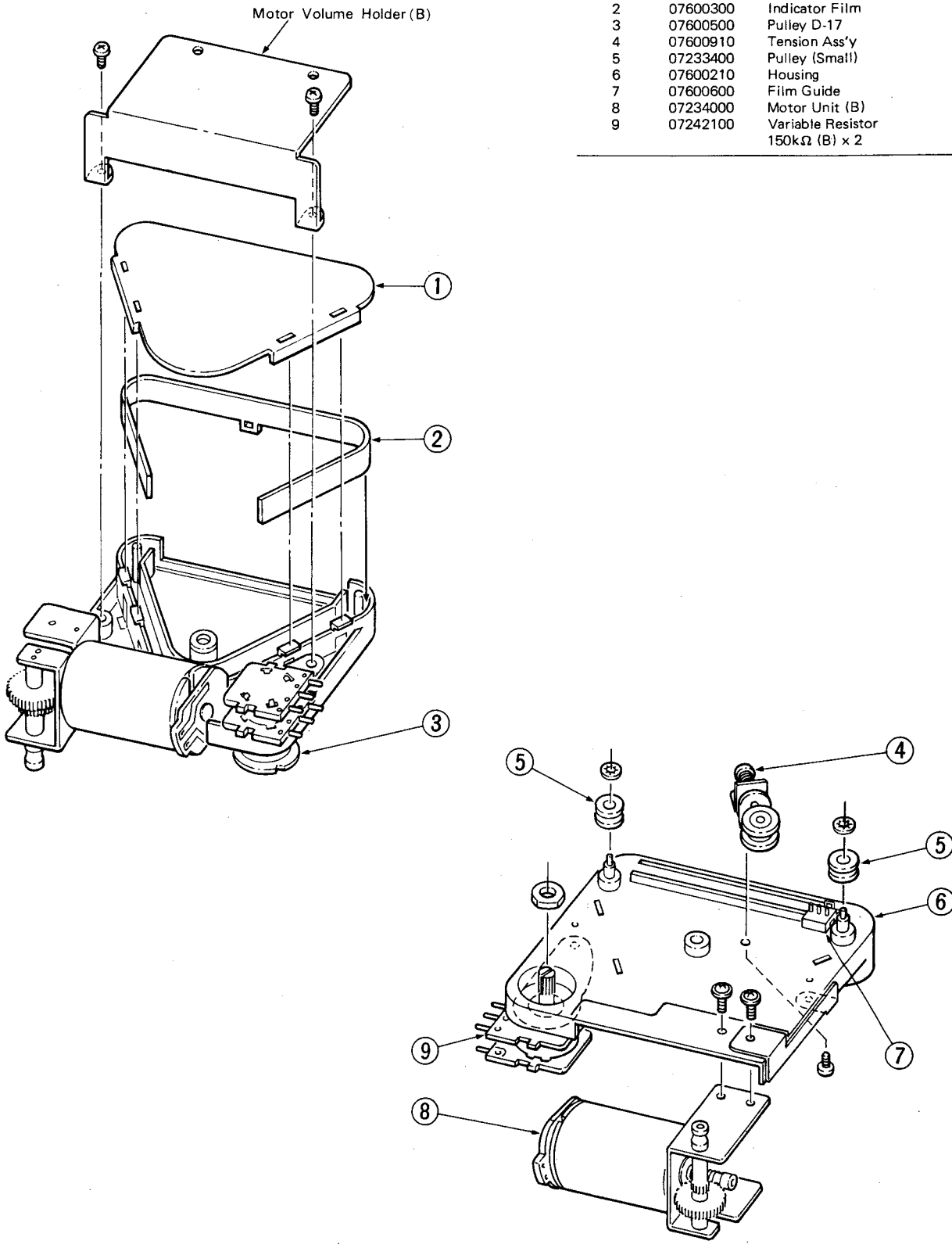
	Stock No.	Description
	07577500	Operating Instruction
	38201200	FM Antenna

● 7900Z

	Stock No.	Description
	38201200	FM Antenna
	07577600	Operating Instruction

2. Exploded Viem of Motor Volume Control Mechanism & Parts List

- 9900Z/8900ZDB/7900Z

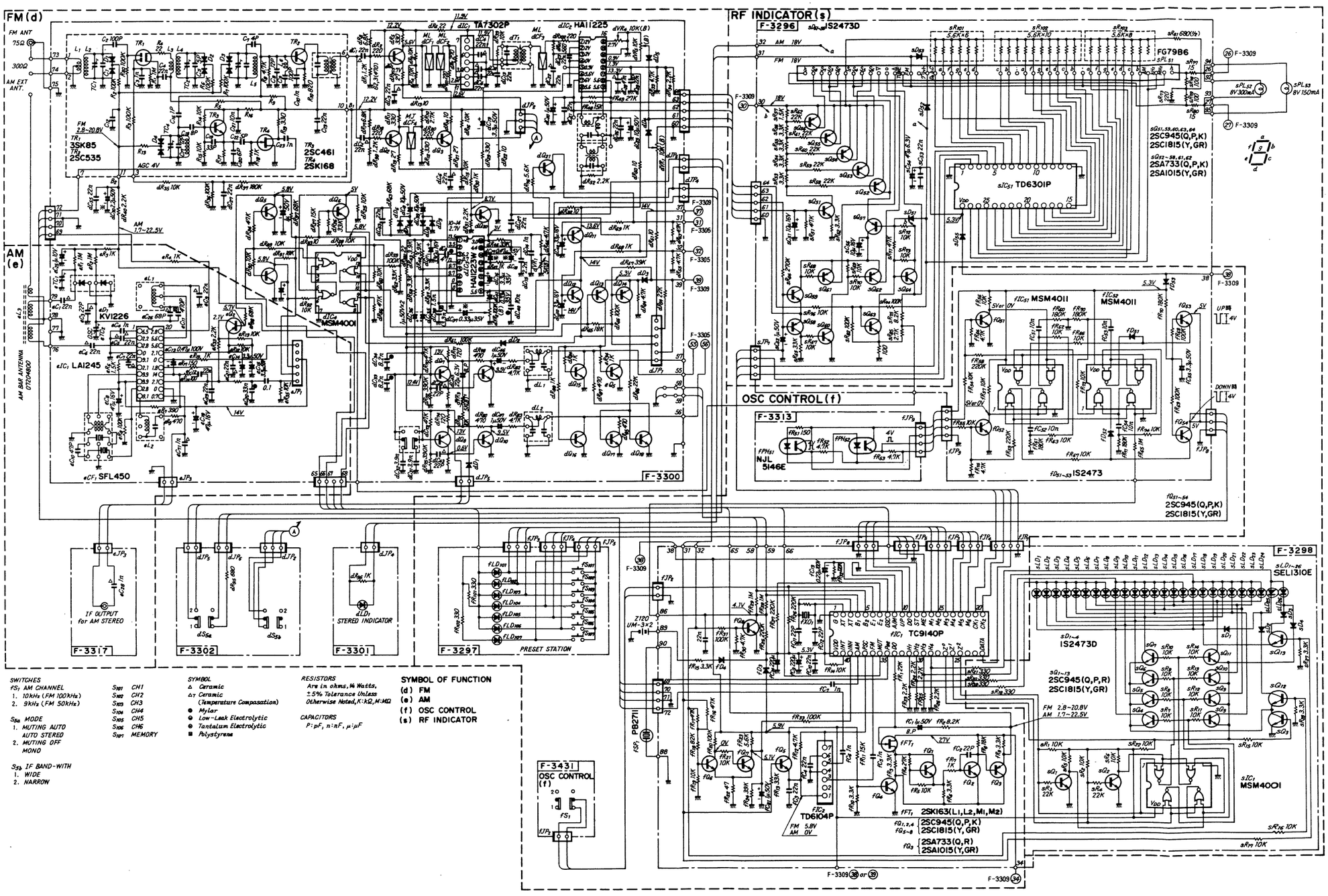


- Parts List

Parts No.	Stock No.	Description
1	07600400	Housing Cover
2	07600300	Indicator Film
3	07600500	Pulley D-17
4	07600910	Tension Ass'y
5	07233400	Pulley (Small)
6	07600210	Housing
7	07600600	Film Guide
8	07234000	Motor Unit (B)
9	07242100	Variable Resistor 150kΩ (B) x 2

3. SCHEMATIC DIAGRAM 3-1. 9900Z Tuner Section

* La présention et les spécifications sont susceptibles d'être modifiées sans préavis par suites d'améliorations éventuelles.
* Änderungen, die dem technischen Fortschritt dienen, bleiben vorbehalten.
* Design and specifications subject to change without notice for improvement.
* 改良のため、予告なく変更、仕様の一部を変更することがあります。



3-2. 9900Z Audio Section

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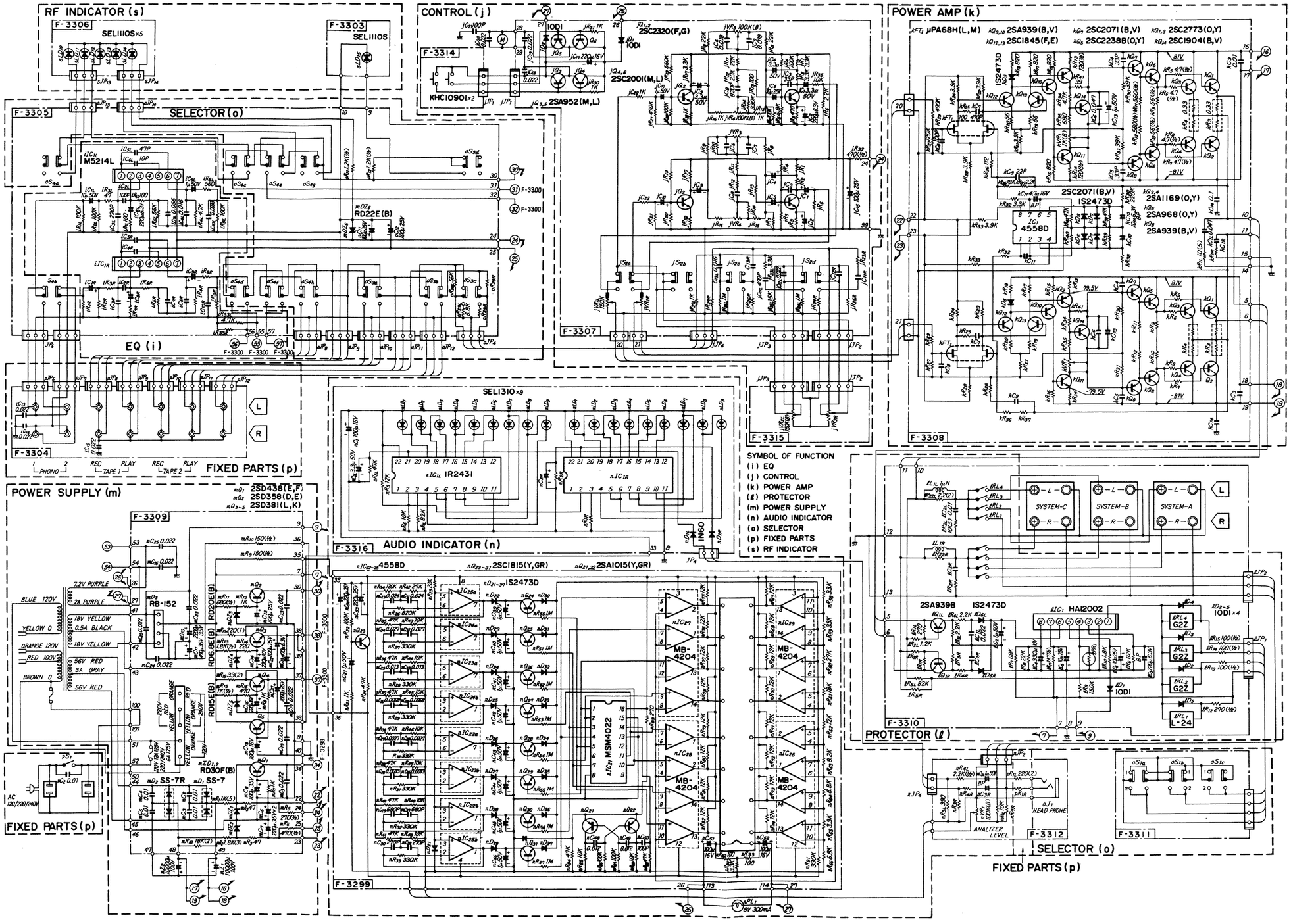
* 改良のため、予告なく意匠、仕様の一部を変更することがあります。



3-3. 8900ZDB Tuner Section

* La présention et les spécifications sont susceptibles d'être modifiées sans préavis par suites d'améliorations éventuelles.
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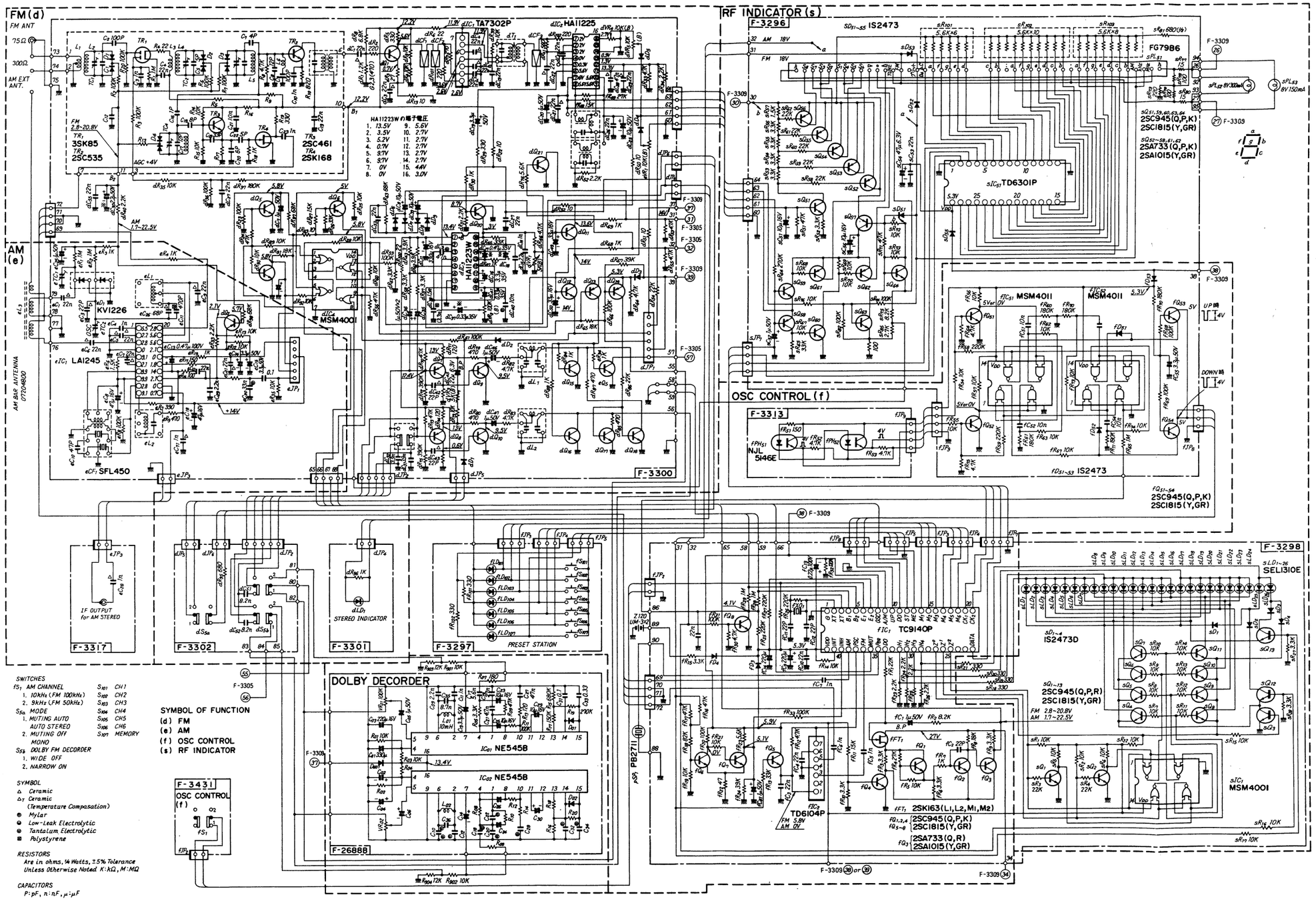
* Design and specifications subject to change without notice for improvement.
* 改良のため、予告なく寸法、仕様の一部を変更することがあります。



3-4. 8900ZDB Audio Section

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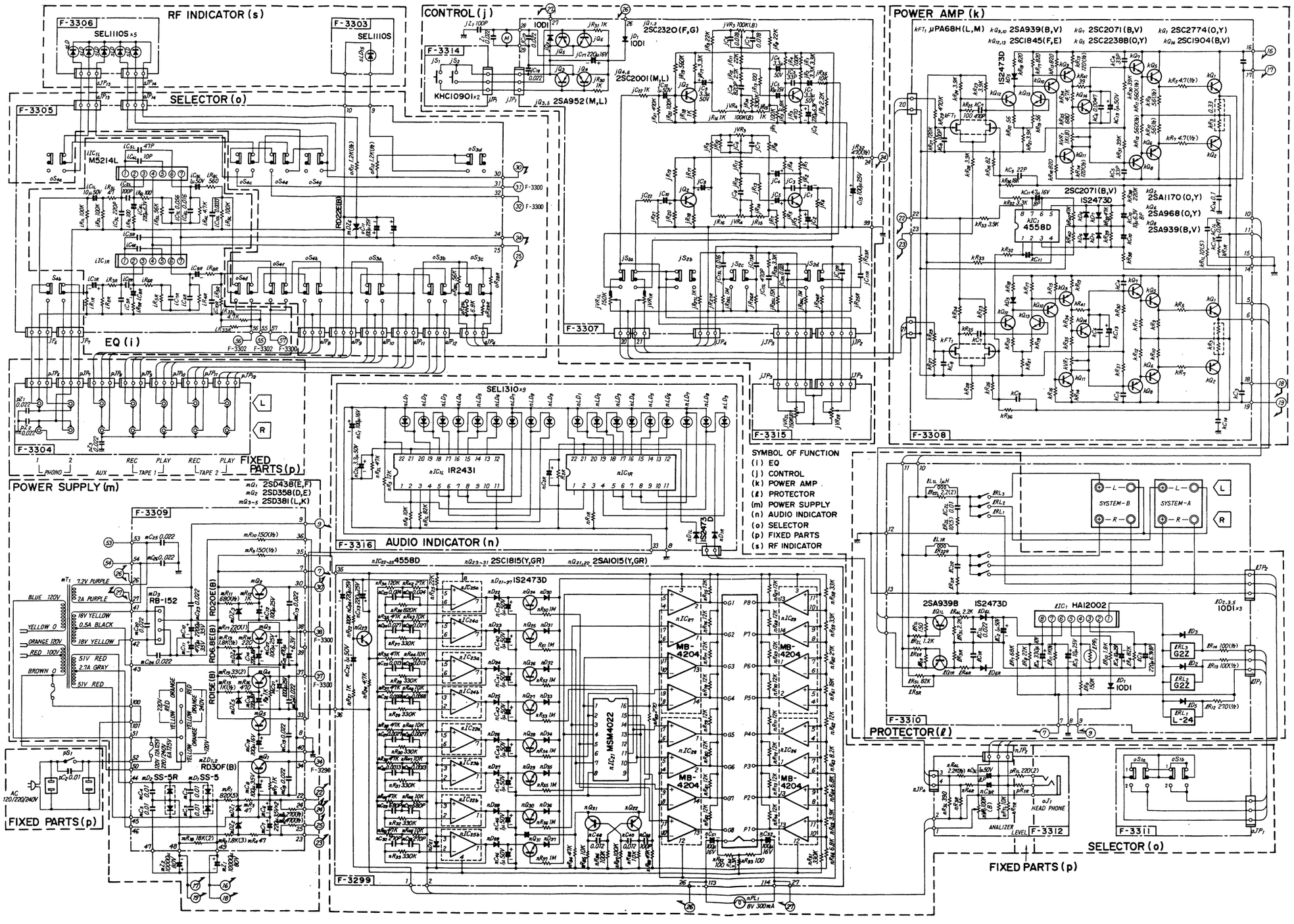
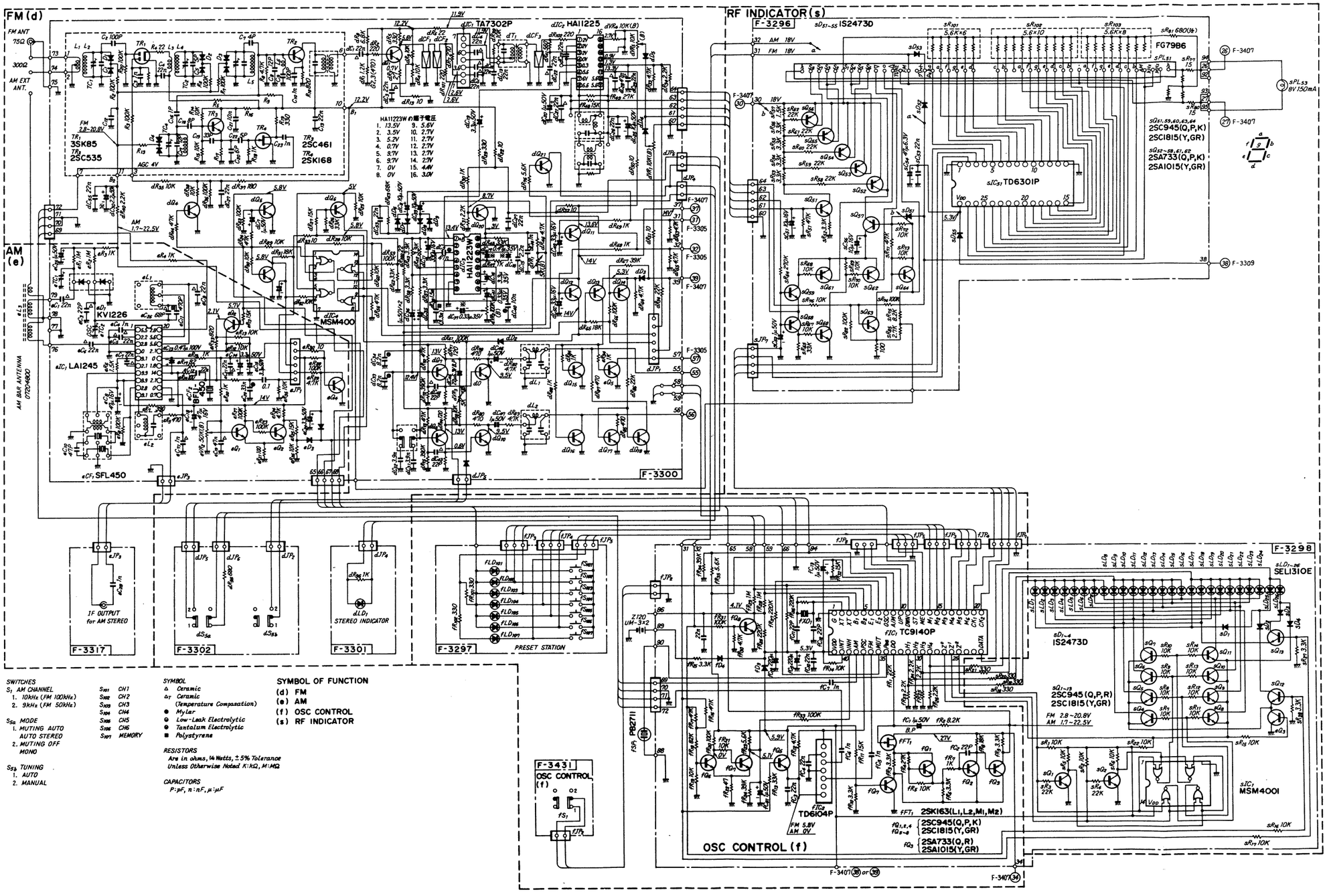
* Änderungen, die dem technischen Fortschritt dienen, bleiben vorbehalten.
* Design and specifications subject to change without notice for improvement.
* 改良のため、予告なく承匠、仕様の一部を変更することがあります。



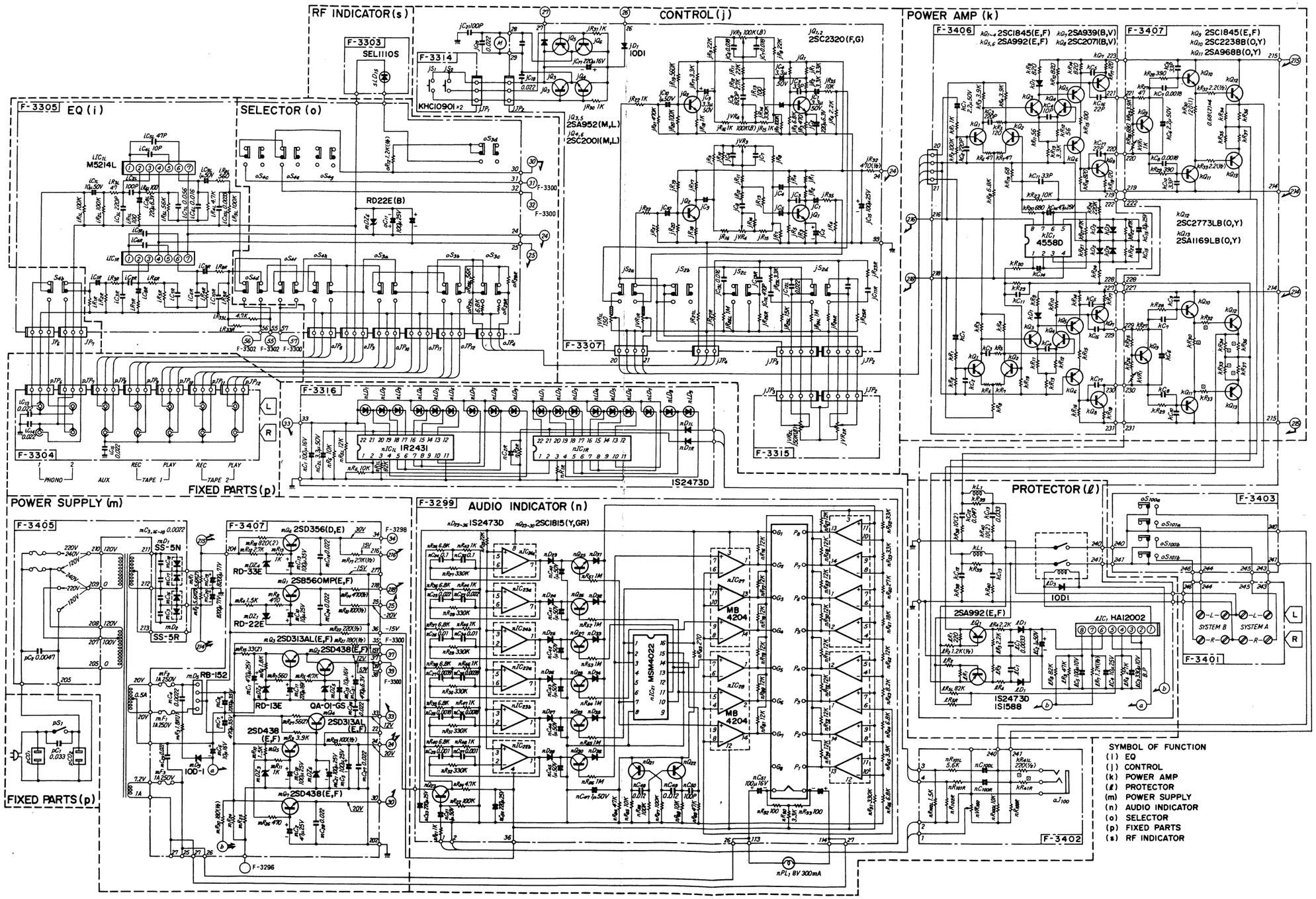
3-5. 7900Z Tuner Section

* La présention et les spécifications sont susceptibles d'être modifiées sans préavis par suites d'améliorations éventuelles.
* Änderungen, die dem technischen Fortschritt dienen, bleiben vorbehalten.
* Design and specifications subject to change without notice for improvement.
* 改良のため、予告なく寸法、仕様の一部を変更することがあります。



3-6. 7900Z Audio Section

* La présention et les spécifications sont susceptibles d'être modifiées sans préavis par suites d'améliorations éventuelles.
* Änderungen, die dem technischen Fortschritt dienen, bleiben vorbehalten.
* Design and specifications subject to change without notice for improvement.
* 改良のため、予告なく寸法、仕様の一部を変更することがあります。



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